

**RESPONSE UNDER 37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 2822**

Attorney's Docket No. 5649-1277

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Kwang-hee Lee et al.

Serial No.: 10/801,208

Filed: March 16, 2004

For: METHODS OF MANUFACTURING SEMICONDUCTOR DEVICES HAVING A RUTHENIUM LAYER VIA AUTOMATIC LAYER DEPOSITION

Examiner: Thanh Y. Tran

Group Art Unit: 2822

Confirmation No.: 2034

October 2, 2006

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**NOTICE OF APPEAL TO THE  
BOARD OF PATENT APPEALS AND INTERFERENCES**

Sir:

Pursuant to 35 USC § 134, 37 CFR § 41.31, and MPEP § 1205, the Applicant in the above-identified patent application hereby appeals to the Board of Patent Appeals and Interferences from the Final Office Action dated August 16, 2006 at least twice rejecting or finally rejecting claims 1-14.

Enclosed is a check in the amount of \$500.00 for the Appeal fee as provided by 37 C.F.R. § 41.20(b)(1).

The Commissioner is authorized to charge \$500.00 for the Appeal Fee as provided by 37 C.F.R. § 41.20(b)(1) and any additional fees that may be required or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

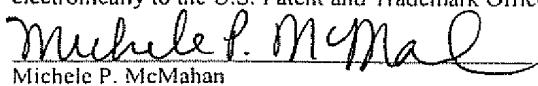


D. Randal Ayers  
Registration No. 40,493

Myers Bigel Sibley & Sajovec, P.A.  
P. O. Box 37428  
Raleigh, North Carolina 27627  
Telephone: (919) 854-1400  
Facsimile: (919) 854-1401  
Customer No. 20792

**CERTIFICATION OF ELECTRONIC TRANSMISSION  
UNDER 37 CFR § 1.8**

I hereby certify that this correspondence is being transmitted electronically to the U.S. Patent and Trademark Office on October 2, 2006.

  
Michele P. McMahan